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Keller

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(54) **COMPOUNDS AND METHODS FOR
INHIBITION OF PHOSPHOLIPASE A₂ AND
CYCLOOXYGENASE - 2**

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(58) **Field of Classification Search** 514/533,
514/884, 825, 944, 963; 584/118, 121, 224
See application file for complete search history.

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(57) **ABSTRACT**

The present invention comprises a group of related lipid molecules, and methods for their use, that maybe used to treat inflammation and certain inflammation related diseases. The group of related lipid molecules are capable of inhibiting certain enzyme systems including phospholipase A₂, and cyclooxygenase-2. The group of related lipid molecules of the invention may be characterized by specific structural characteristics, or by specific biological activity, including inhibition of the previously listed enzymes.

60 Claims, 5 Drawing Sheets

